

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61616 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 16 2012

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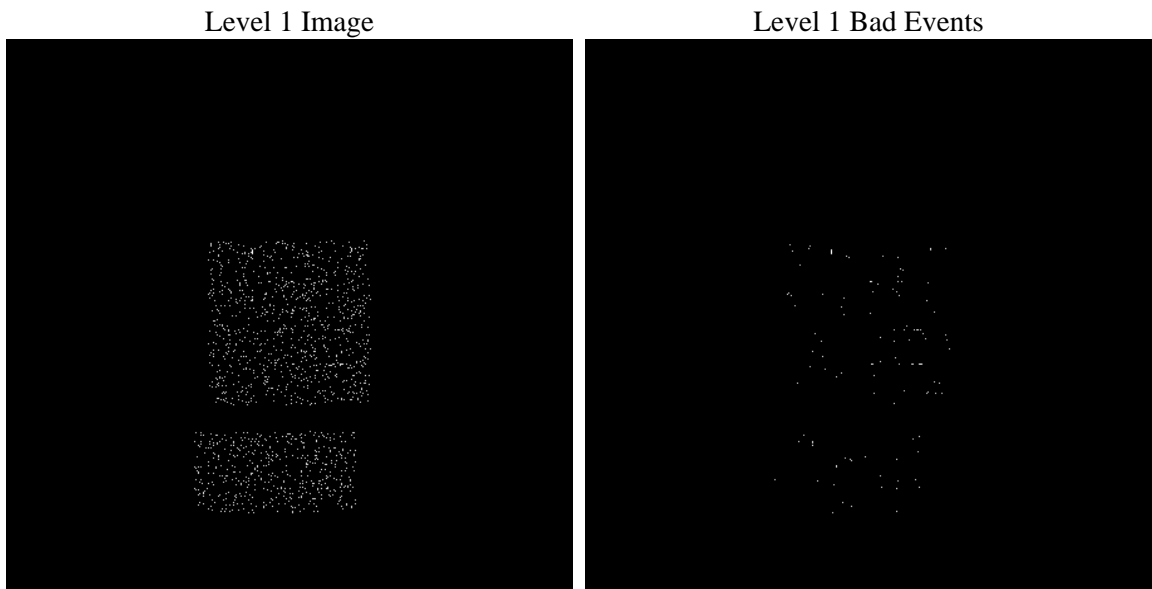
1 Front

seq_num	 	Sequence number
obs_id	61616	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	357.97785543356	Nominal RA [deg]
dec_nom	17.019326689928	Nominal Dec [deg]
roll_nom	104.99324414992	Nominal Roll [deg]
revision	4	Processing version of data
ontime	0.0	Sum of GTIs [s]
livetime	0.0	Livetime [s]
ontime0	0.0	Sum of GTIs [s]
ontime1	0.0	Sum of GTIs [s]
ontime2	0.0	Sum of GTIs [s]
ontime3	0.0	Sum of GTIs [s]
ontime6	0.0	Sum of GTIs [s]
ontime7	0.0	Sum of GTIs [s]
l2events	0	Number of level 2 events

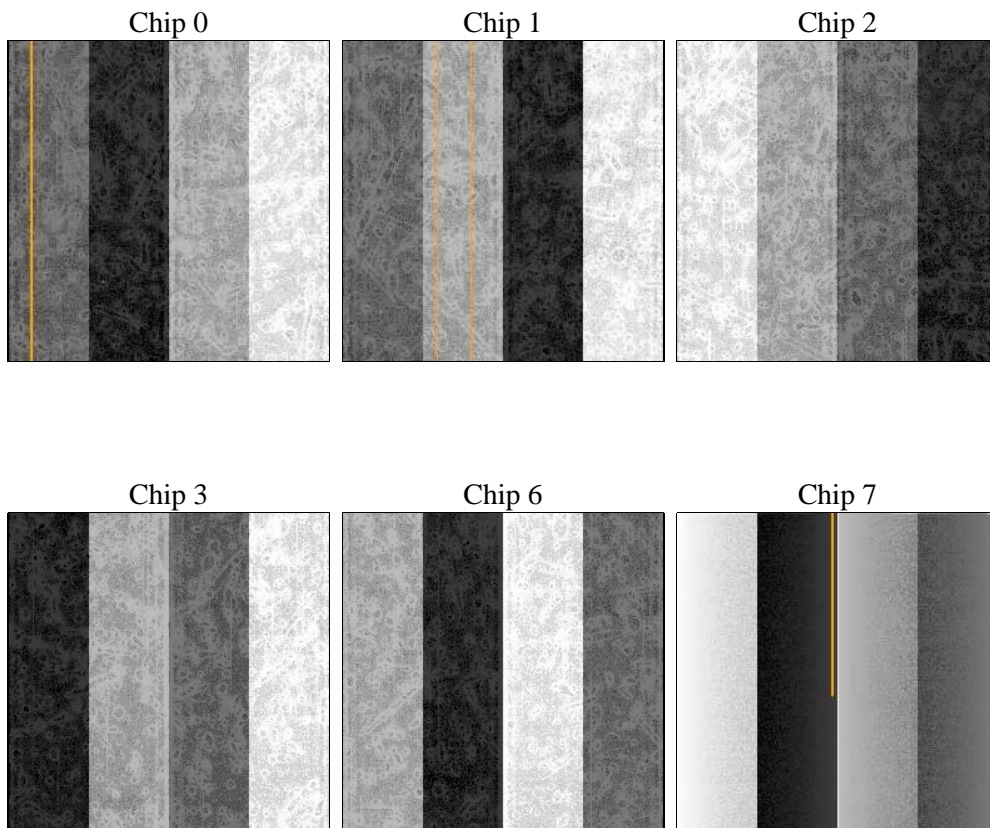
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number			
ascdsver	8.4.5	Processing system revision	sched_exp_time	0.0	[s] Scheduled observation exposure time
caldbver	4.5.1.1	 	ontime	0.0	Sum of GTIs [s]
date	2012-09-17T03:03:01	Date and time of file creation	ontime0	3.2410399913788	Sum of GTIs [s]
revision	4	Processing version of data	ontime1	3.2410399913788	Sum of GTIs [s]
			ontime2	3.2410399913788	Sum of GTIs [s]
			ontime3	3.2410399913788	Sum of GTIs [s]
			ontime6	3.2410399913788	Sum of GTIs [s]
			ontime7	3.2410399913788	Sum of GTIs [s]
			l1events	1469	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	223	250	221	275	243	257
rejected events	28	30	9	51	19	19
rejected %	12%	12%	4%	18%	7%	7%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	122	118	112	117	123	64
	54%	47%	50%	42%	50%	24%
grade 1 events	1	0	0	2	1	0
	0%	0%	0%	0%	0%	0%
grade 2 events	31	34	38	35	46	52
	13%	13%	17%	12%	18%	20%
grade 3 events	14	15	15	14	16	20
	6%	6%	6%	5%	6%	7%
grade 4 events	11	20	15	16	9	27
	4%	8%	6%	5%	3%	10%
grade 5 events	2	1	3	2	5	2
	0%	0%	1%	0%	2%	0%
grade 6 events	17	33	32	42	30	75
	7%	13%	14%	15%	12%	29%
grade 7 events	25	29	6	47	13	17
	11%	11%	2%	17%	5%	6%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	357.9778554335619	Alternating exposures requested	N	N
[deg] Pointing Dec	0	17.0193266899278	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	104.9932441499181			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	107170323.239	107170322.4709			
Observation start date	2001-05-25T09:32:03	2001-05-25T09:32:02			
[s] Observation end time (MET)	107187684.69	107187683.92157			
Observation end date	2001-05-25T14:21:25	2001-05-25T14:21:23			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0

A.2 Comments

Distance from Chandra to Earth violated (Dist_SatEarth:1>=600000000.0).
Only 3.2s of data acquired. No GTI, therefore no level 2 data.